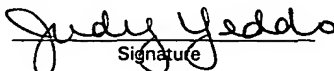


EXPRESS MAIL CERTIFICATE

Date 07/10/03 Label No. EV349693654US
I hereby certify that, on the date indicated above, this paper or
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Name (Print) Signature

Customer No.:



07278

PATENT TRADEMARK OFFICE

Docket No.: 2709/OM958

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Mika Niemi

Serial No.: NOT YET ASSIGNED

Filed: CONCURRENTLY HERewith

For: BYPASS ARRANGEMENT FOR LOW-NOISE AMPLIFIER

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In order to comply with 37 CFR 1.97 and 1.98, attached hereto is a
copy of Form PTO-1449 and copies of the documents listed thereon.

In accordance with MPEP Sections 609 and 707.05(b), it is requested
that each document cited (including any cited in applicant's specification which is
not repeated on the attached Form PTO-1449) be given thorough consideration and

that it be cited of record in the prosecution history of the present application by initialing Form PTO-1449 next to the document. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

The undersigned is also enclosing herewith a copy of a Search Report issued March 10, 2002 for the Finland counterpart of the present patent application (Application No. 20021317), in which the presently disclosed references were cited. Since a translation of the Search Report is also enclosed, or the Search Report utilizes conventional codes to characterize each cited reference, it is believed that the applicants in the above-identified patent application have now met the "concise explanation" requirement of 37 C.F.R. 1.98.

This submission is filed within three months of the filing of the application.

The present Information Disclosure Statement is being submitted in compliance with 37 CFR 1.56, but the citation of such document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a

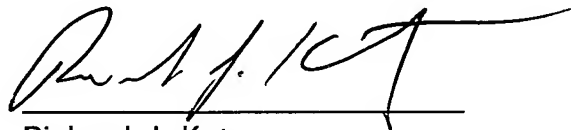
complete search, and it is anticipated that the Examiner, in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104(a) and in the course of each search, will review for relevance every document cited on the attached form even if not initialed.

It is believed that no fee is due. However, if the Commissioner determines that a fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 04-0100 for any deficiency.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,

July 10, 2003
Dated: ~~July 9, 2003~~ *RJK*

A handwritten signature in black ink, appearing to read "Richard J. Katz", written over a horizontal line.

Richard J. Katz
Registration No. 47,698
Attorney for Applicant(s)

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Mika Niemi
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	2709/0M958USO

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	BA	WO-WO 99/29047-A1	06-10-1999	James A. Hutchison et al.		
	BB	WO-WO 02/13402-A2	02-14-2002	James A. Hutchison et al.		
	BC	WO-WO 02/47251-A2	06-13-2002	Glenn A. Watanabe et al.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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PATENTTIHAKEMUS NRO Application No.	LUOKITUS Classification
20021317	H04B1/18, H03F3/72

TUTKITTU AINEISTO Material searched
Patenttijulkaisukokoelma (FI, SE, NO, DK, DE, CH, EP, WO, GB, US), tutkitut luokat H04B1/16, 1/18 H04F 1/02, 3/72 FI, SE, NO, DK Patent publication collection (...), classes searched
Tiedonhaut ja muu aineisto Data retrievals and other material EPOQUE, tietokannat EPODOC, PAJ, WPI Fulltext-tietokantajoukot TXTE, TXTG, TXTF

VIITEJULKAISUT References cited		
Kategoria*) Category	Julkaisun tunnistetiedot Identification data of publication	Koskee vaatimuksia
A	WO 9929047, julk. 10.6.1999, Qualcomm Incorporated	1 - 9
A	WO 0213402, julk. 14.2.2002, Qualcomm Incorporated	1 - 9
A	WO 0247251, julk. 13.6.2002, Motorola Inc.	1 - 9
		Concerns claims
*) X Patentoitavuuden kannalta merkittävä julkaisu yksinään tarkasteltuna Y Patentoitavuuden kannalta merkittävä julkaisu, kun otetaan huomioon tämä ja yksi tai useampi samaan kategoriaan kuuluva julkaisu A Yleistä tekniikan tasoa edustava julkaisu, ei kuitenkaan patentoitavuuden este		
Päiväys Date 10.3.2002	Tutkija Examiner Jari Partanen	

X Documents of particular relevance when considered alone

Y Documents of particular relevance when combined with one or more documents of the same category

A Documents representing the state of the art